Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086713.D
Acq On : 5 May 2016 18:53
Operator : UM/SJ
Sample : H2807-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-007

Quant Time: May 06 01:14:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177162	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	718089	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	336289	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	636322	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	408362	40.00	ng	-0.01
86) Perylene-d12	15.25	264	349656	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1307192	122.15	ng	0.00
7) Phenol-d6	6.37	99	1766975	122.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	1252880	89.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	461652	140.33	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1646247	80.25	ng	-0.01
78) Terphenyl-d14	12.83	244	1310374	64.85	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	19060	2.04	ng	# 43
19) n-Nitroso-di-n-propylamine	7.30	70	173538	17.62	ng	# 81
25) Isophorone	7.30	82	1141903	43.88	ng	# 68
49) Dimethylphthalate	9.48	163	153148	6.11	ng	99
56) 2,4-Dinitrotoluene	9.76	165	42380	6.36	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	1055	5.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	26134	4.13	ng	# 1

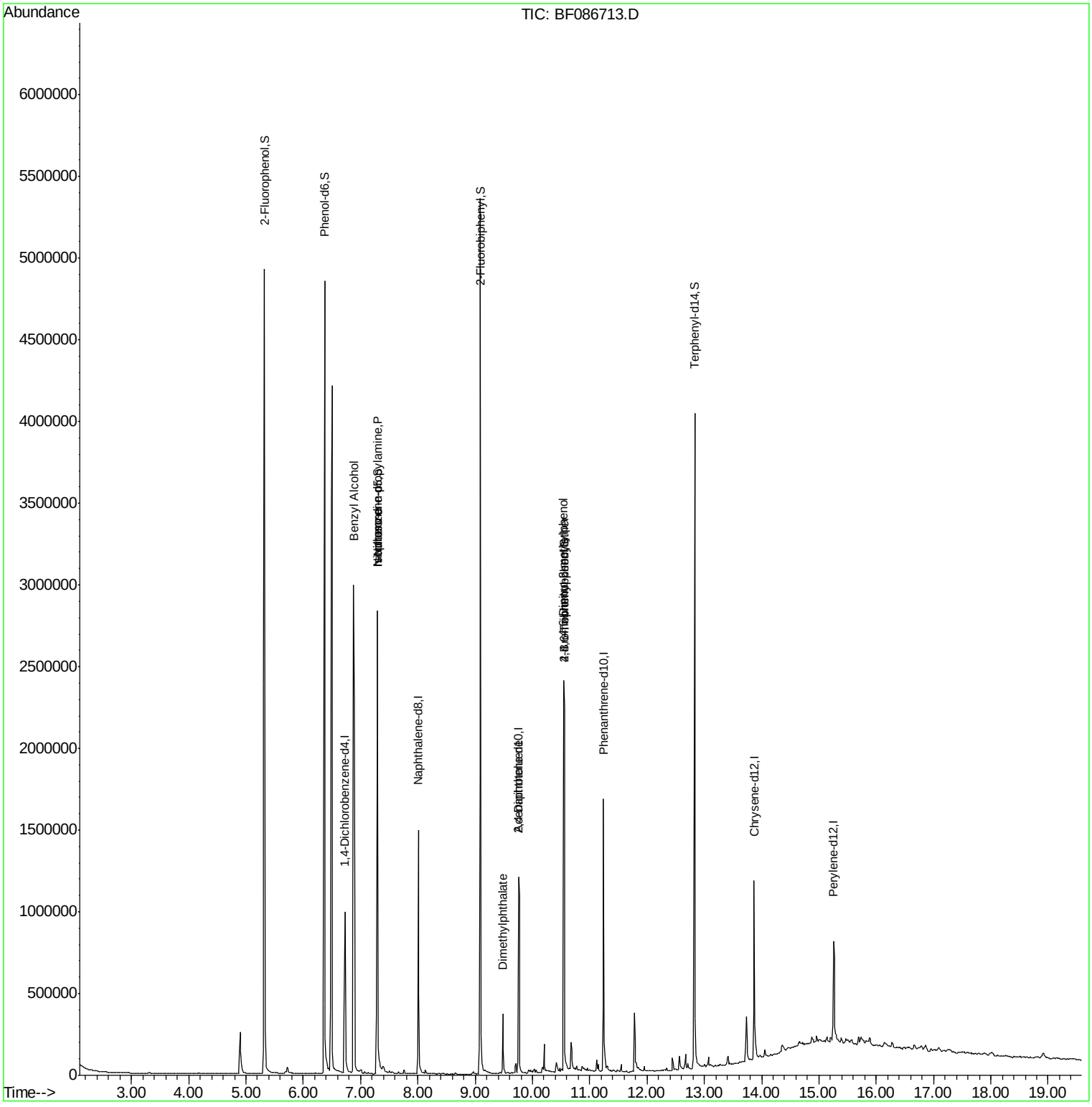
(#) = qualifier out of range (m) = manual integration (+) = signals summed

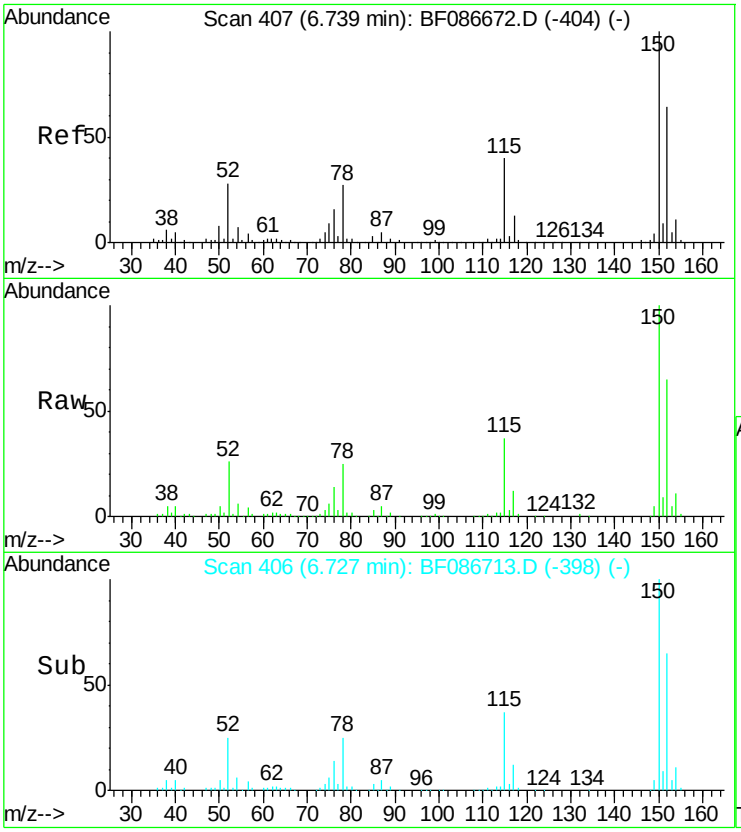
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086713.D
Acq On : 5 May 2016 18:53
Operator : UM/SJ
Sample : H2807-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-007

Quant Time: May 06 01:14:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



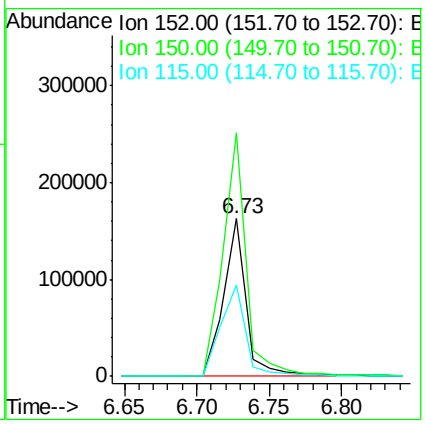


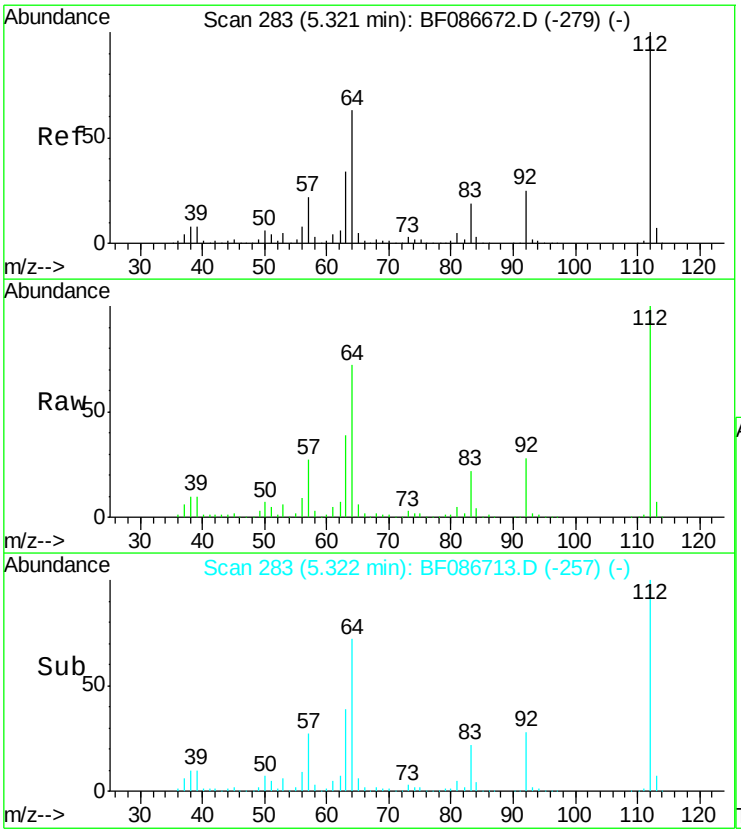
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:152 Resp: 177162

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.8	188.6
115	57.8	51.5	77.3

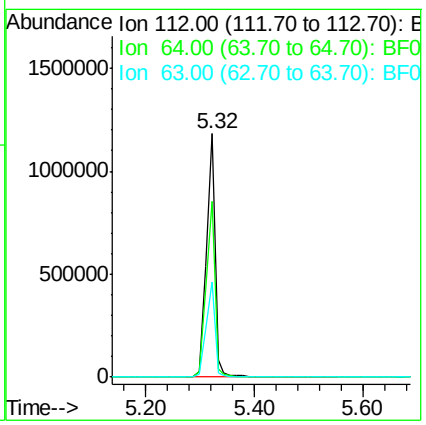


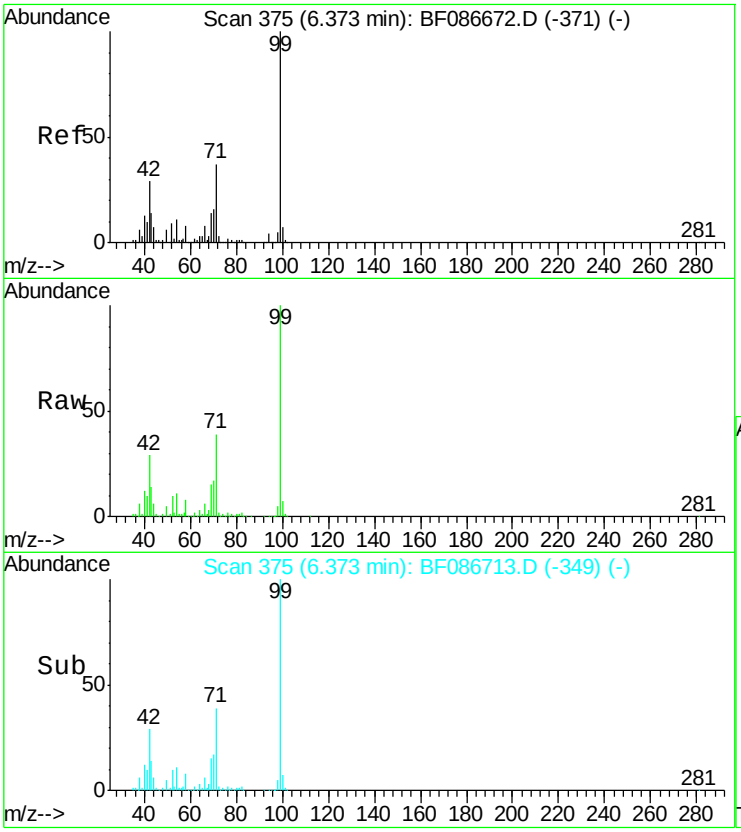


#5
2-Fluorophenol
Concen: 122.15 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:112 Resp: 1307192

Ion	Ratio	Lower	Upper
112	100		
64	72.2	52.1	78.1
63	39.2	25.7	38.5#



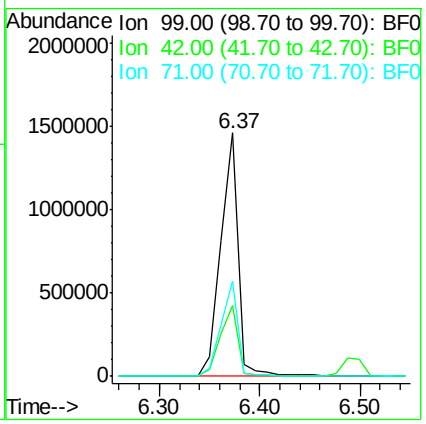


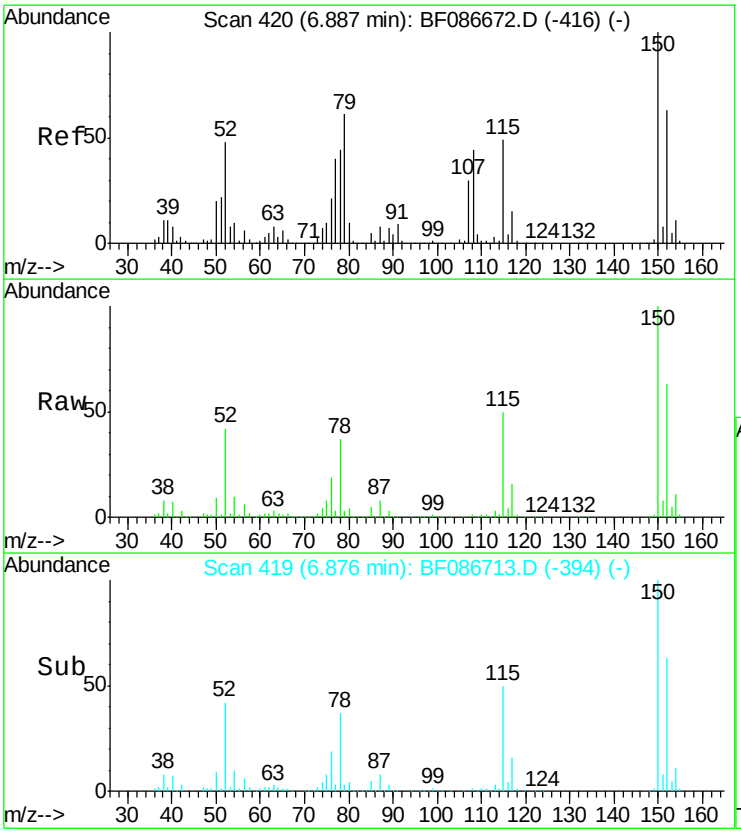
#7
Phenol-d6
Concen: 122.58 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion: 99 Resp: 1766975

Ion	Ratio	Lower	Upper
99	100		
42	29.2	13.6	20.4#
71	39.2	24.6	36.8#

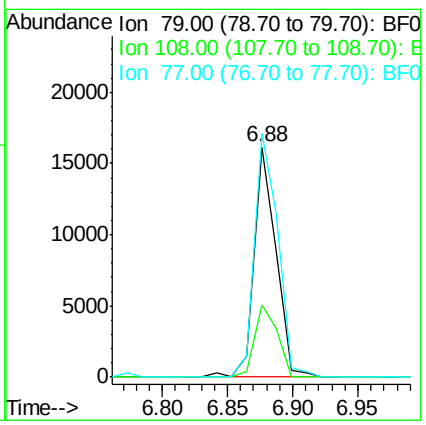


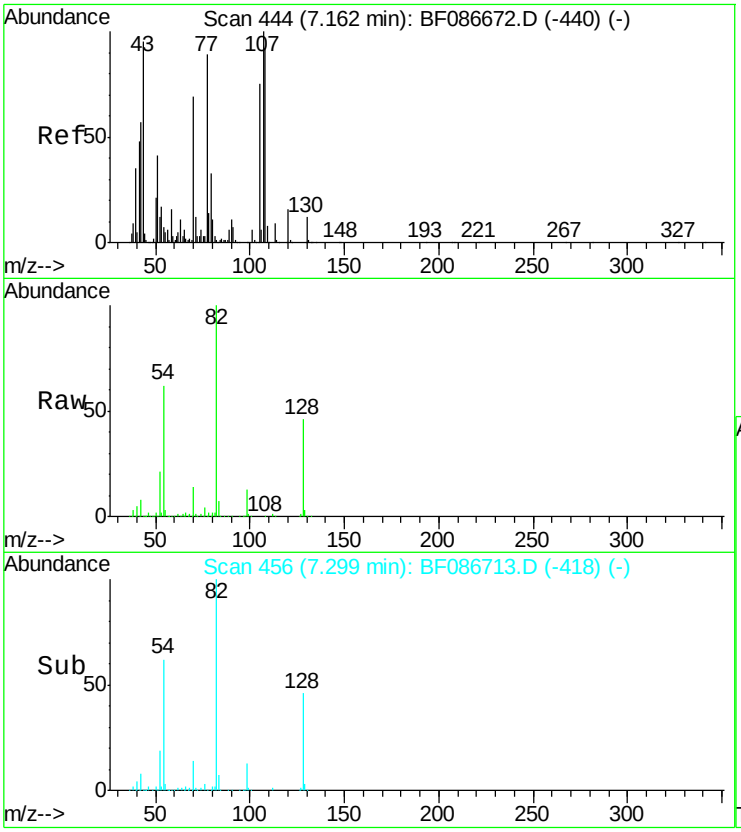


#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion: 79 Resp: 19060

Ion	Ratio	Lower	Upper
79	100		
108	31.4	68.4	102.6#
77	105.8	50.6	76.0#



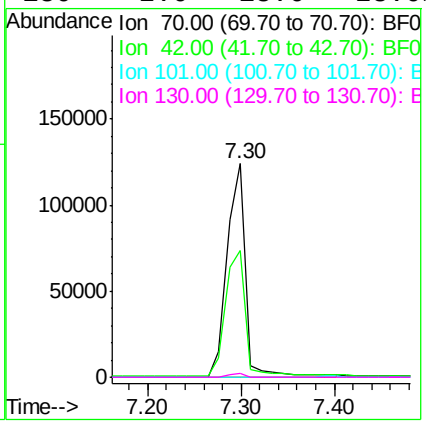


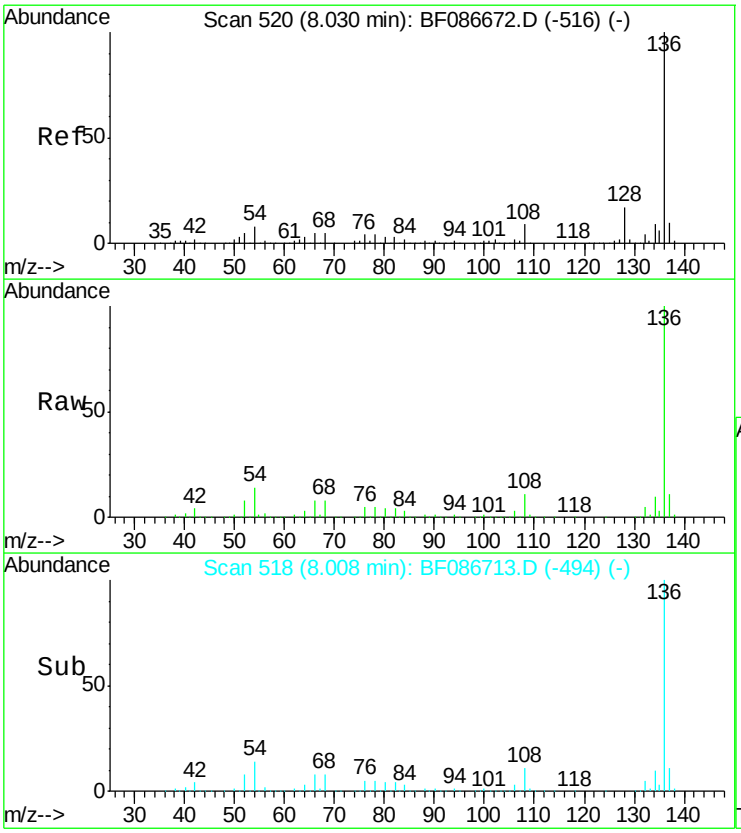
#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion: 70 Resp: 173538

Ion	Ratio	Lower	Upper
70	100		
42	59.1	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

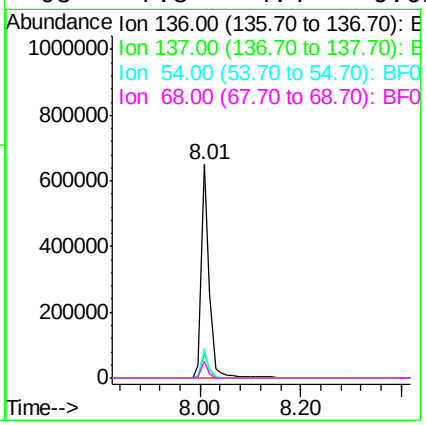


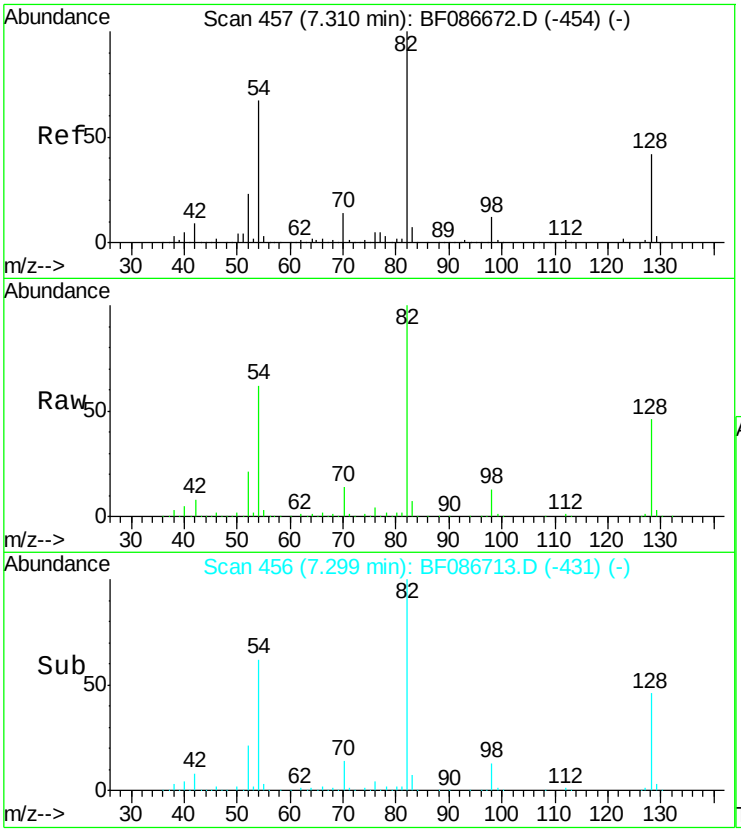


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:136 Resp: 718089

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.0	5.0	7.4#
68	7.8	4.4	6.6#



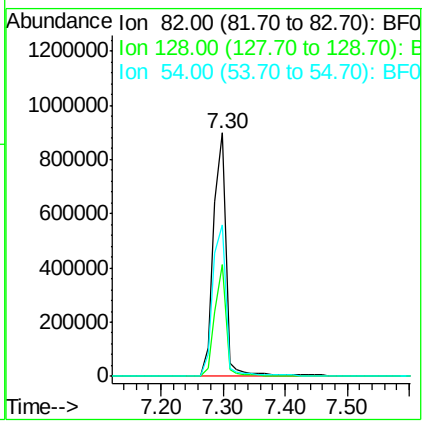


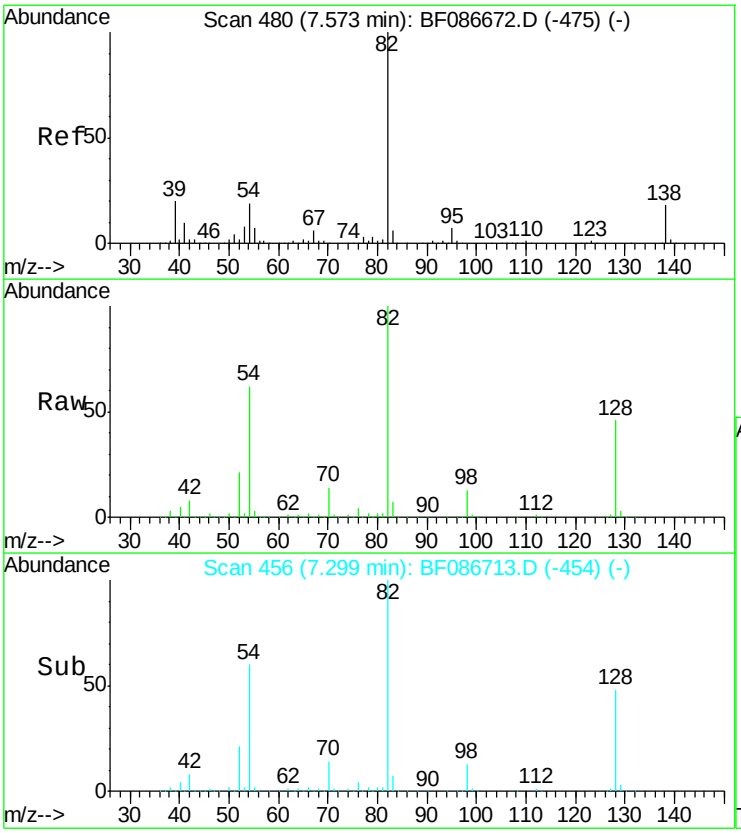
#23
Nitrobenzene-d5
Concen: 89.66 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion: 82 Resp: 1252880

Ion	Ratio	Lower	Upper
82	100		
128	46.0	40.6	61.0
54	62.5	38.1	57.1#

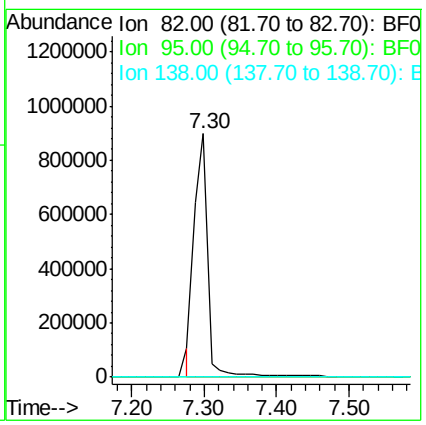


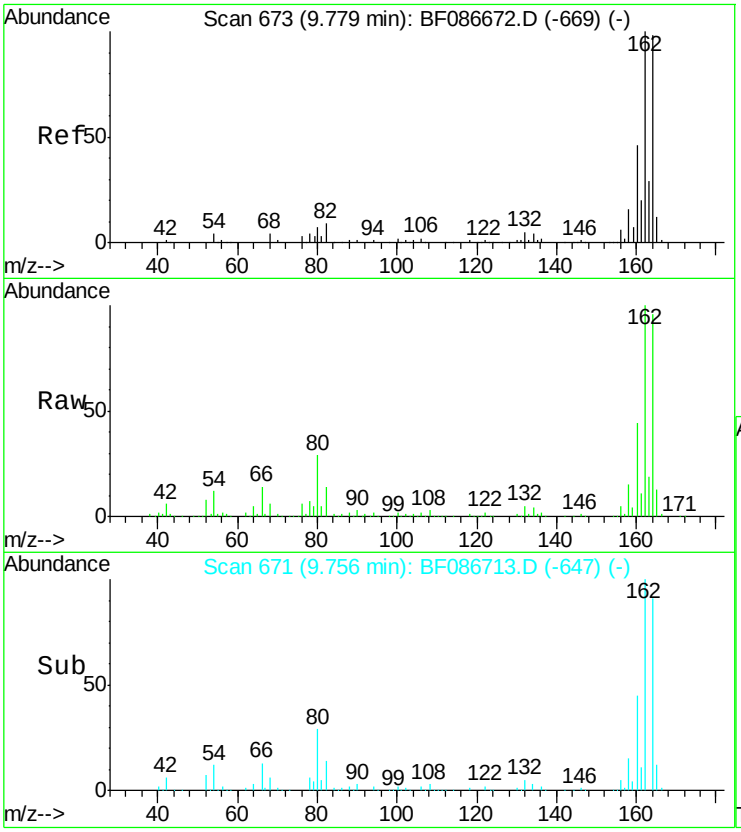


#25
Isophorone
Concen: 43.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.27 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion: 82 Resp: 1141903

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



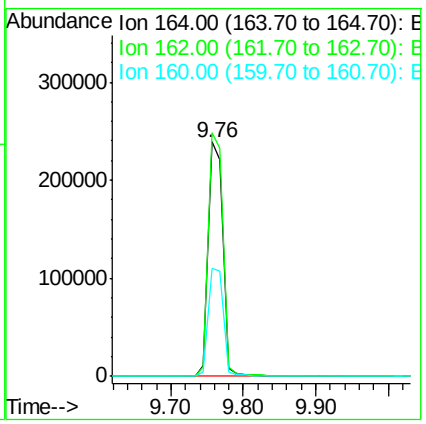


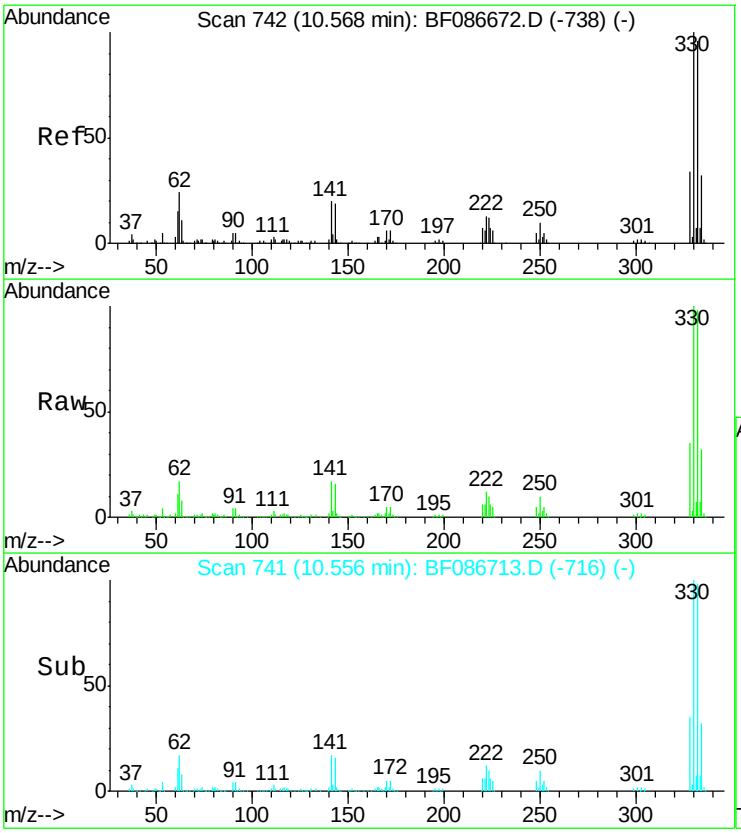
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:164 Resp: 336289

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	46.2	36.9	55.3

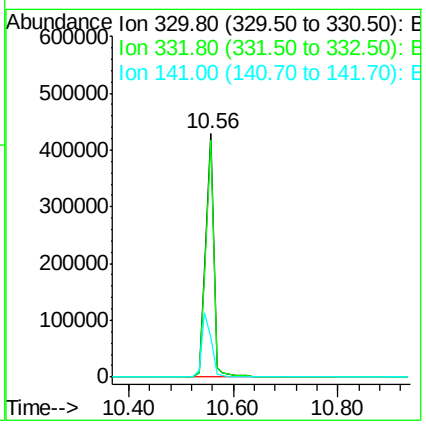


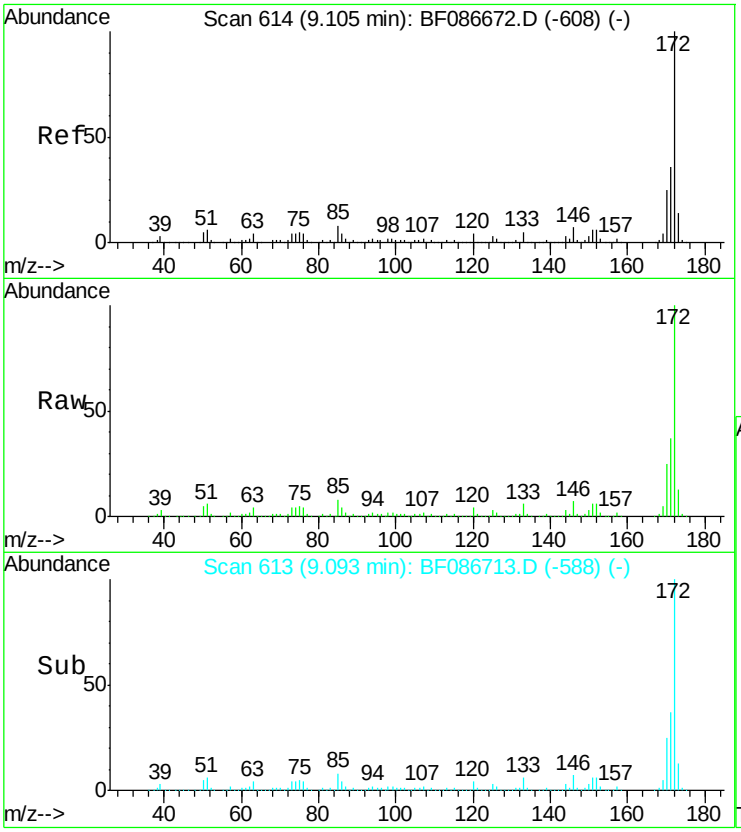


#41
2,4,6-Tribromophenol
Concen: 140.33 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:330 Resp: 461652

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	31.3	31.2	46.8



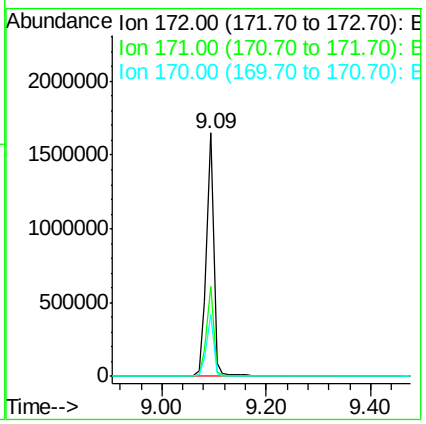


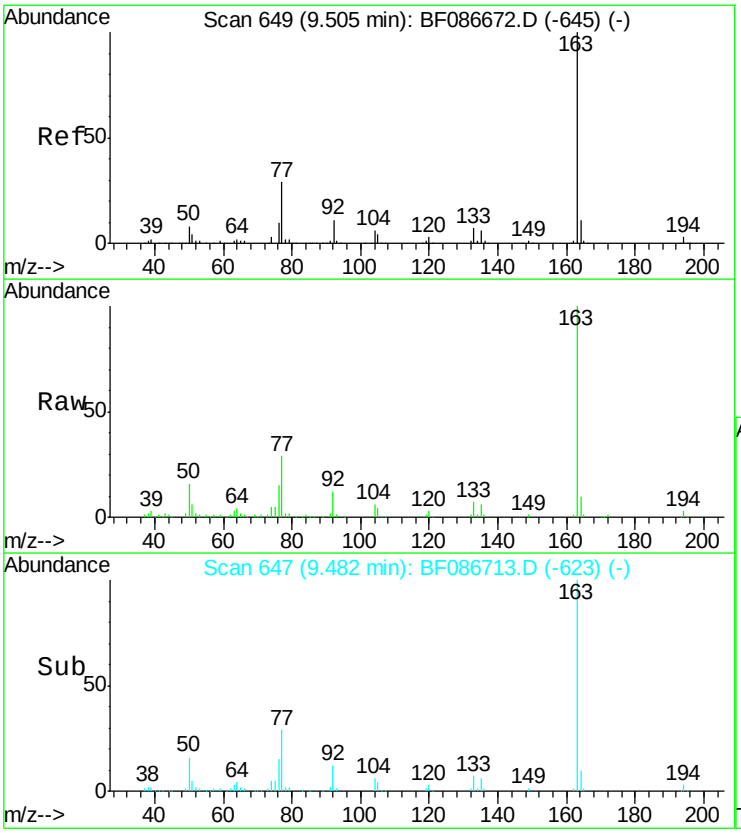
#44
2-Fluorobiphenyl
Concen: 80.25 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:172 Resp: 1646247

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.2	19.8	29.8

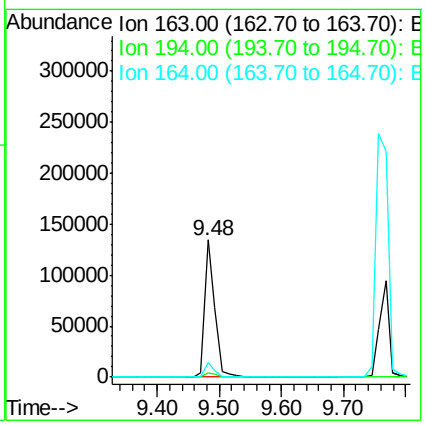


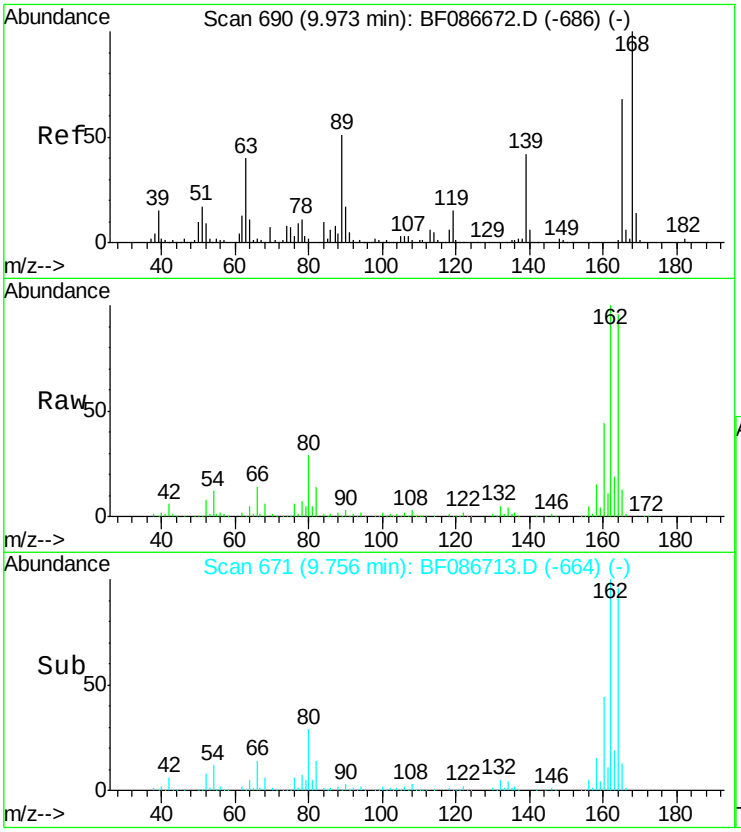


#49
Dimethylphthalate
Concen: 6.11 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:163 Resp: 153148

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.4	8.2	12.4



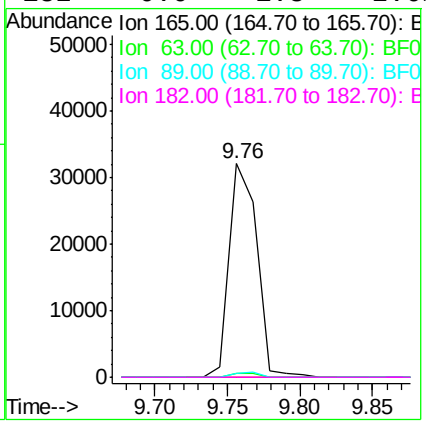


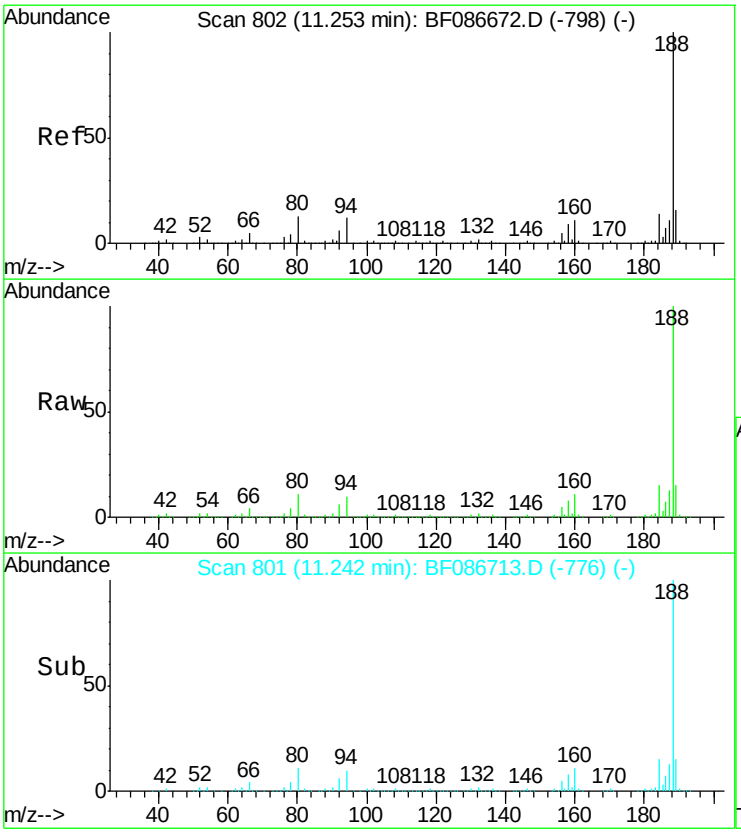
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:165 Resp: 42380

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

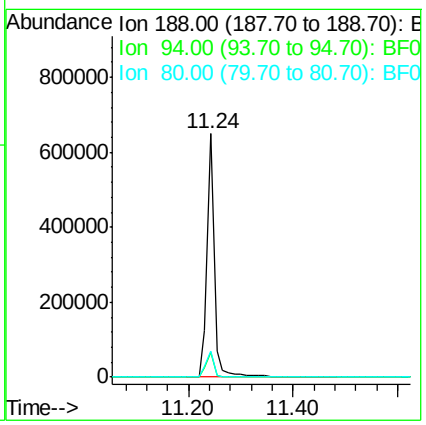


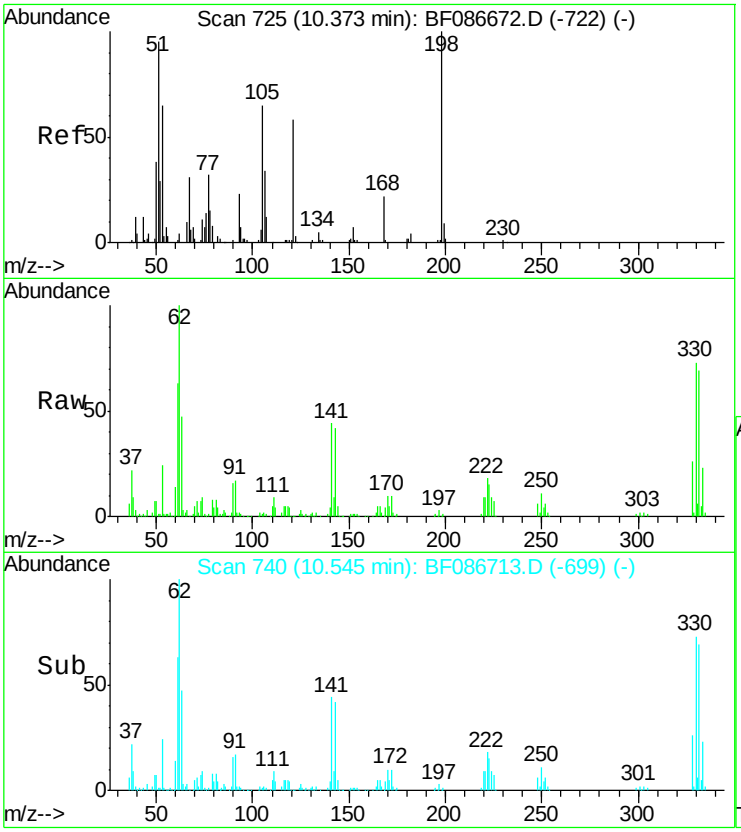


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:188 Resp: 636322

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.8	10.2
80	10.6	7.1	10.7



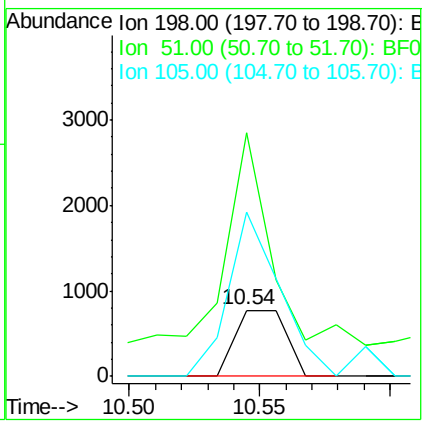


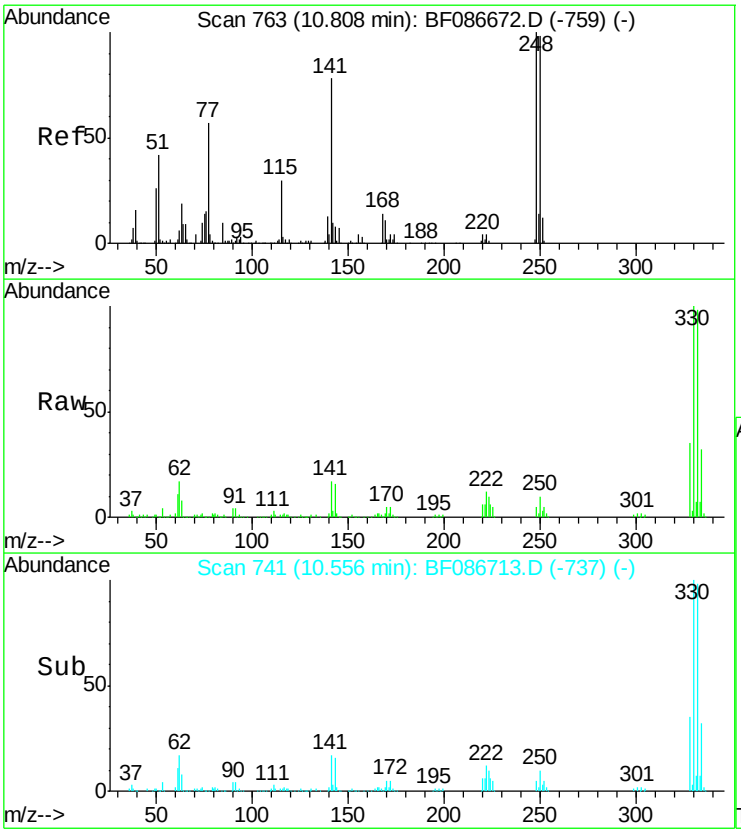
#64
4,6-Dinitro-2-methylphenol
Concen: 5.58 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:198 Resp: 1055

Ion	Ratio	Lower	Upper
198	100		
51	367.3	20.5	60.5#
105	248.6	24.5	64.5#

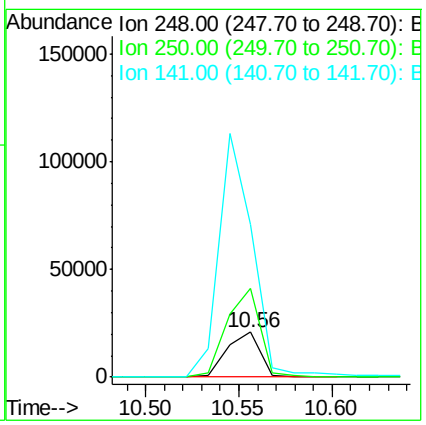


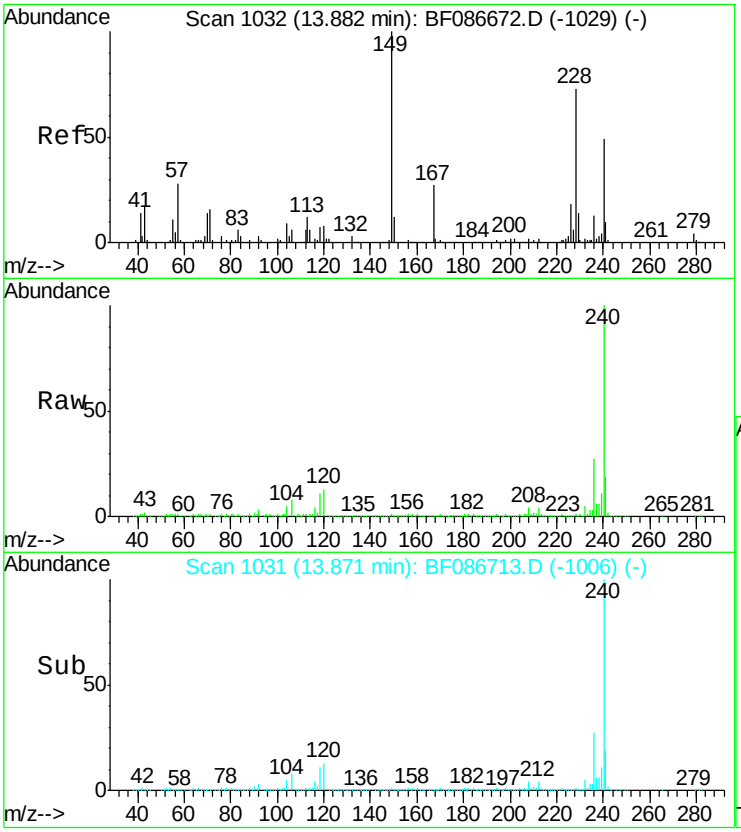


#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:248 Resp: 26134

Ion	Ratio	Lower	Upper
248	100		
250	199.2	78.6	117.8#
141	342.8	76.0	114.0#



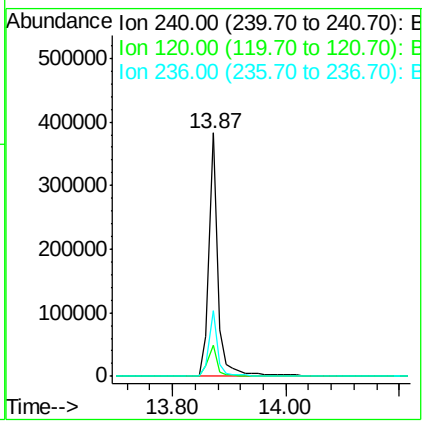


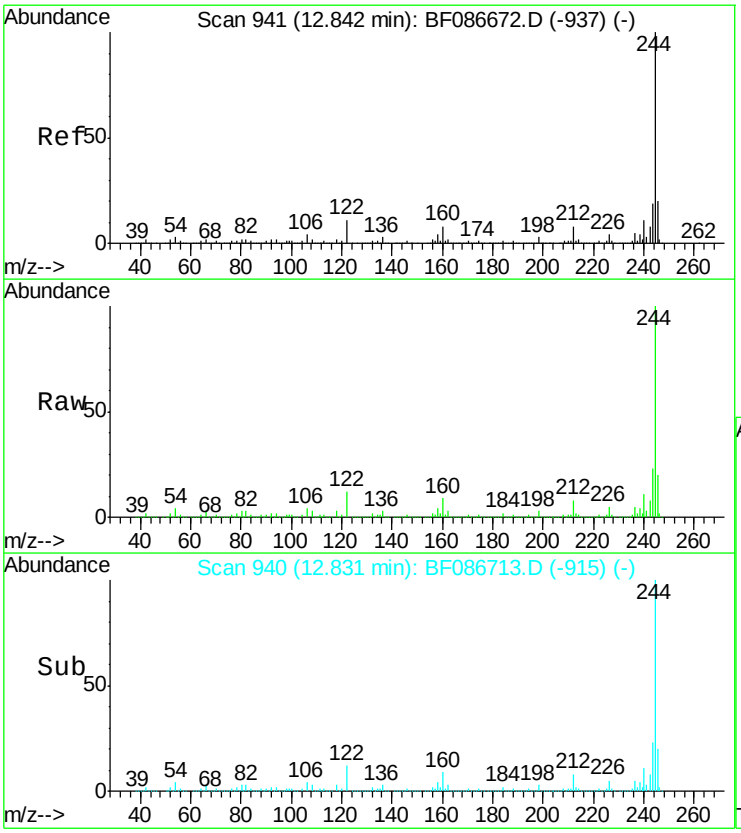
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:240 Resp: 408362

Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.2	16.8
236	26.8	21.2	31.8

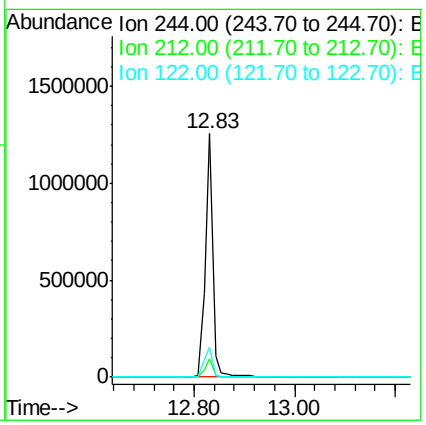


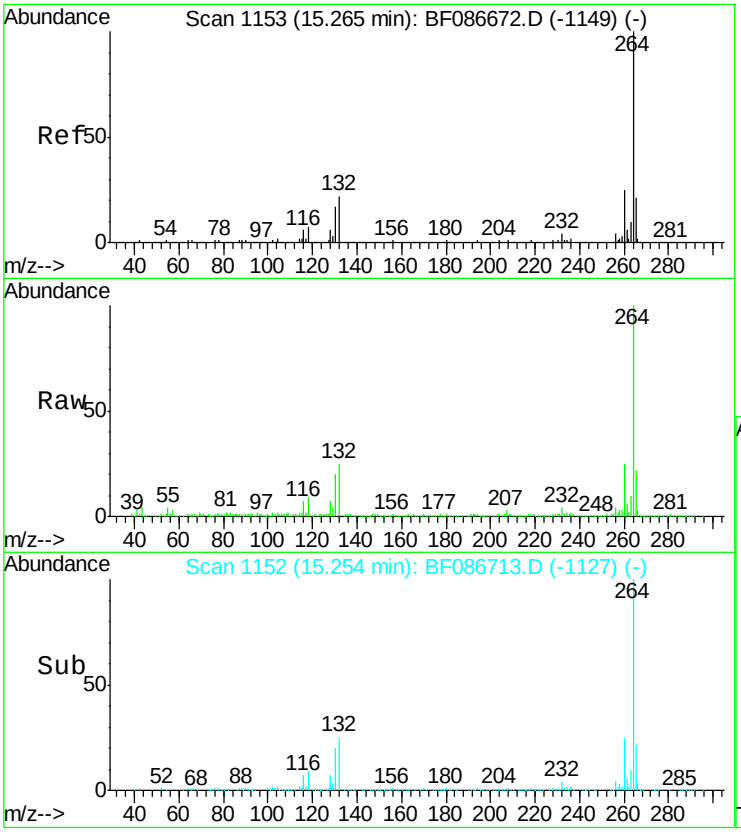


#78
Terphenyl-d14
Concen: 64.85 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion:244 Resp: 1310374

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.3	12.0	18.0





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion:264 Resp: 349656

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.2	17.3	25.9